

SYSTEM AND METHOD OF SHARING DIGITAL LITERARY WORKS WHILE
PROTECTING AGAINST ILLEGAL REPRODUCTION THROUGH COMMUNICATION
NETWORK

5 BACKGROUND OF THE INVENTION

Field of the Invention

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The present invention relates in general to a system and
method of sharing digital literary works while protecting
10 against an illegal reproduction through a communication
network, and more particularly to a
enabling users to share digital litera
publicity, works having a low quality,
literary works through the network
15 distribution of illegally reproduced
having the same quality as original li
sharing network.

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Description of the Prior Art

20 Generally, a literary work, which can be stored,
reproduced and transmitted in a form of a digital file format,
includes a record, an image file, a photograph, a picture, an
electronic book file, a software program, etc.

Recently, as Web sites or programs for providing a
25 P2P(Peer To Peer) Sharing Web service on a communication

network such as the Internet have been actively proposed and used, various kinds of literary works are illegally reproduced and freely circulated in a simple and easy way through the network without permission of writers.

5 However, the illegal reproduction of the literary works is problematic in that it rapidly decreases the sales amount of formal literary works, thereby deteriorating the motivation of writers to create literary works, and enormously damaging the literary work-concerned industry.

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SUMMARY OF THE INVENTION

Therefore, the present invention has been made in view of the above problems, and it is an object of the present
15 invention to provide a system and method of sharing digital literary works while protecting against an illegal reproduction through a communication network, which enables users to share digital literary works produced for publicity, digital literary works having a low quality, or encrypted
20 digital literary works through the communication network, against a distribution of illegally reproduced digital literary works having the same quality as original literary works through a Sharing Web.

In accordance with one aspect of the present invention,
25 the above and other objects can be accomplished by the

provision of a system for sharing digital literary works while protecting against an illegal reproduction through a communication network, comprising a data communication network, a list providing server for providing list
5 information of a Sharing Web, at least one agent server for forming the Sharing Web between users through the data communication network and mediating a data communication through the Sharing Web, at least one user terminal for transmitting and receiving a digital literary work through the
10 Sharing Web, a main server for accessing a Sharing Web listed in the list information provided from the list providing server through the data communication network, searching for the digital literary work shared through the Sharing Web according to a predetermined search condition, determining
15 whether or not the searched digital literary work has an identifier, deciding a digital literary work to be shared among the digital literary works, which are inputted by a supervisor and have a identifier, according to the determination result and literary work information requiring
20 the protection, inputted by the supervisor, and generating accessing information of the Sharing Web, at least one sub-server for receiving information of the digital literary work decided to be shared and the accessing information of the Sharing Web from the main server, connected to the agent
25 server depending on the accessing information, and allowing a